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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/800,487	03/15/2004	James McSwiggen	04-218 (400.148)	9362

20306 7590 03/10/2006

MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP
300 S. WACKER DRIVE
32ND FLOOR
CHICAGO, IL 60606

EXAMINER	
WOLLENBERGER, LOUIS V	

ART UNIT	PAPER NUMBER
1635	

DATE MAILED: 03/10/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Notice to Comply	Application No. 10/800,487	Applicant(s) McSwiggen	
	Examiner Louis V. Wollenberger	Art Unit 1635	

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set in the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

☐ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).

☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).

☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).

☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."

☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).

☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).

☒ 7. Other: **Please see the enclosed Raw Sequence Listing Error Report for explanation of the error(s). See, for example, page 11 of the report. A substitute copy of the CRF is required before the amended claims can be searched and examined.**

Applicant Must Provide:

☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".

☒ An initial or substitute paper copy of the "Sequence Listing", **as well as an amendment specifically directing its entry into the application**.

☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:
For Rules Interpretation, call (571) 272-2510
For CRF Submission Help, call (571) 272-2501/2583.
PatentIn Software Program Support
Technical Assistance.....703-287-0200
To Purchase PatentIn Software.....703-306-2600

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR REPLY

CRF Problem Report

This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 CFR 1.821(a)(1) and (a)(2). A computer readable form (CRF) of the sequence listing was submitted along with Applicants' response to the outstanding Office Action on December 8, 2005. However, the CRF could not be processed by the Scientific and Technical Information Center (STIC) for the reason(s) set forth on the attached Raw Sequence Listing Error Report.

See, for example, page 11 of the Raw Sequence Listing Error Report.

Applicant is given ONE MONTH, or THIRTY DAYS, whichever is longer, from the mailing date of this letter within which to comply with the sequence rules, 37 CFR 1.821 - 1.825. Failure to comply with these requirements will result in ABANDONMENT of the application under 37 CFR 1.821(g). Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). In no case may an applicant extend the period for reply beyond the SIX MONTH statutory period. Direct the reply to the undersigned. Applicant is requested to return a copy of the attached CRF Diskette Problem Report with the reply.

Location of the Application

Applicants are also notified that the location of the application has changed. The application has been docketed to Examiner Louis V. Wollenberger in Art Unit 1635.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Louis V. Wollenberger whose telephone number is 571-272-8144. The examiner can normally be reached on Mon–Fri, 8:00 am–4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's acting supervisor, Andrew Wang can be reached on 571-272-0811. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval system (PAIR). Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Patent applicants with problems or questions regarding electronic images that can be viewed in the Patent Application Information Retrieval system (PAIR) can now contact the USPTO's Patent Electronic Business Center (Patent EBC) for assistance. Representatives are available to answer your questions daily from 6 am to midnight (EST). The toll free number is (866) 217-9197. When calling please have your application serial or patent number, the type of document you are having an image problem with, the number of pages and the specific nature of the problem. The Patent Electronic Business Center will notify applicants of the resolution of the problem within 5-7 business days. Applicants can also check PAIR to confirm that the problem has been corrected. The USPTO's Patent Electronic Business Center is a complete

service center supporting all patent business on the Internet. The USPTO's PAIR system provides Internet-based access to patent application status and history information. It also enables applicants to view the scanned images of their own application file folder(s) as well as general patent information available to the public. For more information about the PAIR system, see http://pair-direct.uspto.gov.

For all other customer support, please call the USPTO Call Center (UCC) at 800-786-9199.

Louis V. Wollenberger, Ph.D.
Examiner
Art Unit 1635
March 6, 2006

SEAN McGARRY
PRIMARY EXAMINER
1635

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/800,487A
Source: IFW16
Date Processed by STIC: 12/12/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, **PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):** U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

IFW16

RAW SEQUENCE LISTING DATE: 12/12/2005
PATENT APPLICATION: US/10/800,487A TIME: 10:21:05

Input Set : D:\400.148 (04-218) US Sequence Listing - Rev 11-17-05.ST25.txt
Output Set: N:\CRF4\12122005\J800487A.raw

```
      3 <110> APPLICANT: Sirna Therapeutics, Inc.
      4       McSwiggen, James
      6 <120> TITLE OF INVENTION: RNA Interference Mediated Inhibition Of
Intercellular Adhesion
      7       Molecule (ICAM) Gene Expression Using Short Interfering Nucleic
      8       Acid (siNA)
     10 <130> FILE REFERENCE: 400/148 (MBHB04-218)
     12 <140> CURRENT APPLICATION NUMBER: US 10/800,487A
     13 <141> CURRENT FILING DATE: 2004-03-15
     15 <150> PRIOR APPLICATION NUMBER: US 10/757,803
     16 <151> PRIOR FILING DATE: 2004-01-15
     18 <150> PRIOR APPLICATION NUMBER: US 10/720,448
     19 <151> PRIOR FILING DATE: 2003-11-24
     21 <150> PRIOR APPLICATION NUMBER: US 10/693,059
     22 <151> PRIOR FILING DATE: 2003-10-23
     24 <150> PRIOR APPLICATION NUMBER: US 10/444,853
     25 <151> PRIOR FILING DATE: 2003-05-23
     27 <150> PRIOR APPLICATION NUMBER: US 10/427,160
     28 <151> PRIOR FILING DATE: 2003-04-30
     30 <150> PRIOR APPLICATION NUMBER: PCT/US03/05346
     31 <151> PRIOR FILING DATE: 2003-02-20
     33 <150> PRIOR APPLICATION NUMBER: PCT/US03/05028
     34 <151> PRIOR FILING DATE: 2003-02-20
     36 <150> PRIOR APPLICATION NUMBER: US 60/358,580
     37 <151> PRIOR FILING DATE: 2002-02-20
     39 <150> PRIOR APPLICATION NUMBER: US 60/363,124
     40 <151> PRIOR FILING DATE: 2002-03-11
     42 <150> PRIOR APPLICATION NUMBER: US 60/386,782
     43 <151> PRIOR FILING DATE: 2002-06-06
     45 <150> PRIOR APPLICATION NUMBER: US 60/406,784
     46 <151> PRIOR FILING DATE: 2002-08-29
     48 <150> PRIOR APPLICATION NUMBER: US 60/408,378
     49 <151> PRIOR FILING DATE: 2002-09-05
     51 <150> PRIOR APPLICATION NUMBER: US 60/409,293
     52 <151> PRIOR FILING DATE: 2002-09-09
     54 <150> PRIOR APPLICATION NUMBER: US 60/440,129
     55 <151> PRIOR FILING DATE: 2003-01-15
     57 <150> PRIOR APPLICATION NUMBER: PCT/US02/15876
     58 <151> PRIOR FILING DATE: 2002-05-17
     60 <160> NUMBER OF SEQ ID NOS: 439
     62 <170> SOFTWARE: PatentIn version 3.3
     64 <210> SEQ ID NO: 1
     65 <211> LENGTH: 19
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Does Not Comply
Corrected Diskette Needed

mr 11-14

66 <212> TYPE: RNA

RAW SEQUENCE LISTING DATE: 12/12/2005
PATENT APPLICATION: US/10/800,487A TIME: 10:21:05

Input Set : D:\400.148 (04-218) US Sequence Listing - Rev 11-17-05.ST25.txt
Output Set: N:\CRF4\12122005\J800487A.raw

67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region
72 <400> SEQUENCE: 1
73 gccccagucg acgcugagc 19
76 <210> SEQ ID NO: 2
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78 <212> TYPE: RNA
79 <213> ORGANISM: Artificial Sequence
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85 cuccucugcu acucagagu 19
88 <210> SEQ ID NO: 3
89 <211> LENGTH: 19
90 <212> TYPE: RNA
91 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region
96 <400> SEQUENCE: 3
97 uugcaaccuc agccucgcu 19
100 <210> SEQ ID NO: 4
101 <211> LENGTH: 19
102 <212> TYPE: RNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
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109 uauggcuccc agcagcccc 19
112 <210> SEQ ID NO: 5
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115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region
120 <400> SEQUENCE: 5
121 ccggcccgcg cugcccgca 19
124 <210> SEQ ID NO: 6
125 <211> LENGTH: 19
126 <212> TYPE: RNA
127 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region
132 <400> SEQUENCE: 6
133 acuccugguc cugcucggg 19
136 <210> SEQ ID NO: 7

137 <211> LENGTH: 19
138 <212> TYPE: RNA
139 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING DATE: 12/12/2005
PATENT APPLICATION: US/10/800,487A TIME: 10:21:05

Input Set : D:\400.148 (04-218) US Sequence Listing - Rev 11-17-05.ST25.txt
Output Set: N:\CRF4\12122005\J800487A.raw

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142 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region
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145 ggcucuguuc ccaggaccu 19
148 <210> SEQ ID NO: 8
149 <211> LENGTH: 19
150 <212> TYPE: RNA
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region
156 <400> SEQUENCE: 8
157 uggcaaugcc cagacaucu 19
160 <210> SEQ ID NO: 9
161 <211> LENGTH: 19
162 <212> TYPE: RNA
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
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169 ugugucccccc ucaaaaguc 19
172 <210> SEQ ID NO: 10
173 <211> LENGTH: 19
174 <212> TYPE: RNA
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
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180 <400> SEQUENCE: 10
181 cauccugccc cggggaggc 19
184 <210> SEQ ID NO: 11
185 <211> LENGTH: 19
186 <212> TYPE: RNA
187 <213> ORGANISM: Artificial Sequence
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193 cuccgugcug gugacaugc 19
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198 <212> TYPE: RNA
199 <213> ORGANISM: Artificial Sequence
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205 cagcaccucc ugugaccag 19
208 <210> SEQ ID NO: 13
209 <211> LENGTH: 19

210 <212> TYPE: RNA
211 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:

RAW SEQUENCE LISTING DATE: 12/12/2005
PATENT APPLICATION: US/10/800,487A TIME: 10:21:05

Input Set : D:\400.148 (04-218) US Sequence Listing - Rev 11-17-05.ST25.txt
Output Set: N:\CRF4\12122005\J800487A.raw

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216 <400> SEQUENCE: 13
217 gcccaaguug uugggcaua 19
220 <210> SEQ ID NO: 14
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222 <212> TYPE: RNA
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229 agagaccccg uugccuaaa 19
232 <210> SEQ ID NO: 15
233 <211> LENGTH: 19
234 <212> TYPE: RNA
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
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241 aaaggaguug cuccugccu 19
244 <210> SEQ ID NO: 16
245 <211> LENGTH: 19
246 <212> TYPE: RNA
247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
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253 ugggaacaac cggaaggug 19
256 <210> SEQ ID NO: 17
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258 <212> TYPE: RNA
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region
264 <400> SEQUENCE: 17
265 guaugaacug agcaaugug 19
268 <210> SEQ ID NO: 18
269 <211> LENGTH: 19
270 <212> TYPE: RNA
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
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276 <400> SEQUENCE: 18
277 gcaagaagau agccaacca 19
280 <210> SEQ ID NO: 19
281 <211> LENGTH: 19
282 <212> TYPE: RNA

283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

RAW SEQUENCE LISTING DATE: 12/12/2005
PATENT APPLICATION: US/10/800,487A TIME: 10:21:05

Input Set : D:\400.148 (04-218) US Sequence Listing - Rev 11-17-05.ST25.txt
Output Set: N:\CRF4\12122005\J800487A.raw

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289 aaugugcuau ucaaacugc 19
292 <210> SEQ ID NO: 20
293 <211> LENGTH: 19
294 <212> TYPE: RNA
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
298 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region
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301 cccugauggg cagucaaca 19
304 <210> SEQ ID NO: 21
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306 <212> TYPE: RNA
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region
312 <400> SEQUENCE: 21
313 agcuaaaacc uuccucacc 19
316 <210> SEQ ID NO: 22
317 <211> LENGTH: 19
318 <212> TYPE: RNA
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region
324 <400> SEQUENCE: 22
325 cguguacugg acuccagaa 19
328 <210> SEQ ID NO: 23
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330 <212> TYPE: RNA
331 <213> ORGANISM: Artificial Sequence
333 <220> FEATURE:
334 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region
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337 acggguggaa cuggcaccc 19
340 <210> SEQ ID NO: 24
341 <211> LENGTH: 19
342 <212> TYPE: RNA
343 <213> ORGANISM: Artificial Sequence
345 <220> FEATURE:
346 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region
348 <400> SEQUENCE: 24
349 ccucccucu uggcagcca 19
352 <210> SEQ ID NO: 25
353 <211> LENGTH: 19
354 <212> TYPE: RNA
355 <213> ORGANISM: Artificial Sequence
357 <220> FEATURE:

358 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

360 <400> SEQUENCE: 25

<210> 341
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: siNA sense region

<220>
<221> misc_feature
<222> (20)..(21)
<223> n stands for thymidine

<400> 341
gagacacugc agacagugan n 21

no t's (or n's representing t's) allowed in an RNA sequence

↓

This error appears in subsequent sequences, too.

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 12/12/2005
PATENT APPLICATION: US/10/800,487A TIME: 10:21:06

Input Set : D:\400.148 (04-218) US Sequence Listing - Rev 11-17-05.ST25.txt

Output Set: N:\CRF4\12122005\J800487A.raw

Please Note:
**Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.**

Seq#:341; N Pos. 20,21
Seq#:342; N Pos. 20,21
Seq#:343; N Pos. 20,21
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 12/12/2005
PATENT APPLICATION: US/10/800,487A TIME: 10:21:06

Input Set : D:\400.148 (04-218) US Sequence Listing - Rev 11-17-05.ST25.txt
Output Set: N:\CRF4\12122005\J800487A.raw

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Seq#:423; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:424; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:425; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:426; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:427; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:428; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:429; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:430; N Pos. 20,21
Seq#:431; N Pos. 20,21
Seq#:432; N Pos. 20,21
Seq#:433; N Pos. 20,21

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 12/12/2005
PATENT APPLICATION: US/10/800,487A TIME: 10:21:06

Input Set : D:\400.148 (04-218) US Sequence Listing - Rev 11-17-05.ST25.txt

Output Set: N:\CRF4\12122005\J800487A.raw

Seq#:434; N Pos. 20,21
Seq#:435; N Pos. 20,21
Seq#:436; N Pos. 20,21
Seq#:437; N Pos. 20,21
Seq#:438; N Pos. 20,21

VERIFICATION SUMMARY DATE: 12/12/2005
PATENT APPLICATION: US/10/800,487A TIME: 10:21:06

Input Set : D:\400.148 (04-218) US Sequence Listing - Rev 11-17-05.ST25.txt

Output Set: N:\CRF4\12122005\J800487A.raw

L:4159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:341 after pos.:0
L:4177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:342 after pos.:0
L:4195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:343 after pos.:0
L:4213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:344 after pos.:0
L:4231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:345 after pos.:0
L:4249 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:346 after pos.:0
L:4267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:347 after pos.:0
L:4285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:348 after pos.:0
L:4303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:349 after pos.:0
L:4321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:350 after pos.:0
L:4339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:351 after pos.:0
L:4357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:352 after pos.:0
L:4375 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:353 after pos.:0
L:4393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:354 after pos.:0
L:4411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:355 after pos.:0
L:4429 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:356 after pos.:0
L:4482 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:357 after pos.:0
L:4535 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:358 after pos.:0
L:4593 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:359 after pos.:0
L:4631 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:360 after pos.:0
L:4684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:361 after pos.:0
L:4737 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:362 after pos.:0
L:4790 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:363 after pos.:0
L:4853 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:364 after pos.:0
L:4906 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:365 after pos.:0
L:4954 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:366 after pos.:0
L:5007 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:367 after pos.:0
L:5045 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:368 after pos.:0
L:5088 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:369 after pos.:0
L:5141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:370 after pos.:0
L:5189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:371 after pos.:0
L:5242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:372 after pos.:0
L:5325 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:373 after pos.:0
L:5403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:374 after pos.:0
L:5491 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:375 after pos.:0
L:5544 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:376 after pos.:0
L:5617 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:377 after pos.:0
L:5700 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:378 after pos.:0
L:5778 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:379 after pos.:0
L:5871 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:380 after pos.:0
L:5949 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:381 after pos.:0
L:6022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:382 after pos.:0
L:6105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:383 after pos.:0
L:6153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:384 after pos.:0
L:6221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:385 after pos.:0
L:6299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:386 after pos.:0
L:6372 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:387 after pos.:0
L:6460 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:388 after pos.:0

VERIFICATION SUMMARY DATE: 12/12/2005
PATENT APPLICATION: US/10/800,487A TIME: 10:21:06

Input Set : D:\400.148 (04-218) US Sequence Listing - Rev 11-17-05.ST25.txt

Output Set: N:\CRF4\12122005\J800487A.raw

L:6543 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:389 after pos.:0
L:6621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:390 after pos.:0
L:6709 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:391 after pos.:0
L:6762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:392 after pos.:0
L:6835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:393 after pos.:0
L:6918 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:394 after pos.:0
L:6996 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:395 after pos.:0
L:7089 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:396 after pos.:0
L:7167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:397 after pos.:0
L:7240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:398 after pos.:0
L:7323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:399 after pos.:0
L:7371 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:400 after pos.:0
L:7439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:401 after pos.:0
L:7517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:402 after pos.:0
L:7590 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:403 after pos.:0
L:7678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:404 after pos.:0
L:7706 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:405 after pos.:0
L:7734 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:406 after pos.:0
L:7762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:407 after pos.:0
L:7790 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:408 after pos.:0
L:7818 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:409 after pos.:0
L:7846 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:410 after pos.:0
L:7874 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:411 after pos.:0
L:7902 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:412 after pos.:0
L:7925 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:413 after pos.:0
L:7948 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:414 after pos.:0
L:7971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:415 after pos.:0
L:7994 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:416 after pos.:0
L:8017 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:417 after pos.:0
L:8040 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:418 after pos.:0
L:8063 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:419 after pos.:0
L:8086 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:420 after pos.:0
L:8113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:421 after pos.:0
L:8140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:422 after pos.:0
L:8168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:423 after pos.:0
L:8201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:424 after pos.:0
L:8234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:425 after pos.:0
L:8267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:426 after pos.:0
L:8300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:427 after pos.:0
L:8333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:428 after pos.:0
L:8366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:429 after pos.:0
L:8393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:430 after pos.:0
L:8420 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:431 after pos.:0
L:8492 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:432 after pos.:0
L:8569 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:433 after pos.:0
L:8621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:434 after pos.:0
L:8673 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:435 after pos.:0
L:8750 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:436 after pos.:0
L:8802 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:437 after pos.:0

VERIFICATION SUMMARY DATE: 12/12/2005
PATENT APPLICATION: US/10/800,487A TIME: 10:21:06

Input Set : D:\400.148 (04-218) US Sequence Listing - Rev 11-17-05.ST25.txt

Output Set: N:\CRF4\12122005\J800487A.raw

L:8879 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:438 after pos.:0